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ABSTRACT

The Richmond (California) Unified School District's System for Choice allows parents and students to select from a variety of programs designed to satisfy diverse interests and needs. This publication describes offerings at De Anza High School, a Paideia school. De Anza is the only high school in the district that offers Classical Studies, a challenging academic program designed to prepare every student for college and productive employment. Classical Studies incorporates the following elements: (1) computer use across the curriculum; (2) coaching; (3) seminars; (4) extra support to help students achieve, including both academic and behavioral support; and (5) common classroom practices and whole-school strategies to manage student behavior, including goal-setting and self-evaluation, clear expectations, organization, troubleshooting, and community service. The publication lists graduation requirements, state college and university entrance requirements, sample student schedules, and a summary course list. Course descriptions are provided for the following departments and areas: (1) applied academics, including business education, consumer home economics, and industrial technology; (2) bilingual education; (3) career development; (4) computer science; (5) English; (6) fine and performing arts, including art, music, and theatre; (7) foreign languages; (8) library; (9) mathematics; (10) other courses; (11) physical education; (12) science; (13) social science; and (14) special education. Each entry includes grade level, course length, prerequisites, graduation requirements, and a brief description.

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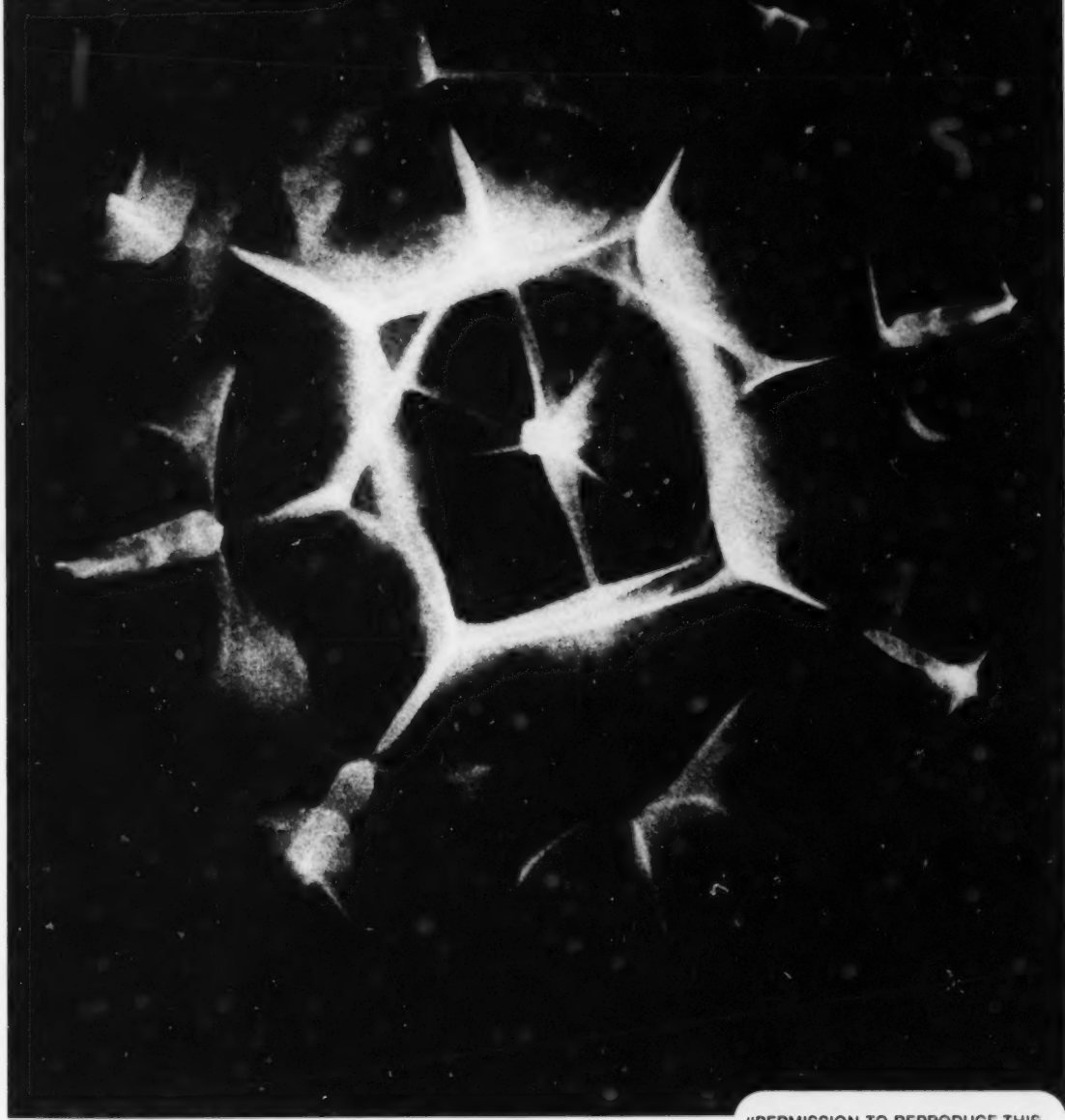
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A SYSTEM FOR CHOICE

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De Anza: A Paideia School
Classical Studies Program

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DE ANZA HIGH SCHOOL

The Classical Studies Program

Richmond Unified School District
De Anza High School
5000 Valley View Road
Richmond, California
94803
415 223-3811

***1990 - 1991 COURSE OFFERINGS
for the Classical Studies
High School***

Richmond Unified School District

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The Classical Studies Program

De Anza High School

The System for Choice

The Richmond Unified School District's **System for Choice** offers parents and students a chance to choose from a variety of quality programs designed to satisfy the diverse needs and interests found within the Richmond Unified School District. De Anza is the only high school offering Classical Studies, a challenging, academic program designed to prepare every student for college and productive employment.

What does "Classical Studies" mean?

A "classic" refers to something of lasting value. In calling our program "classical studies," we are referring to three objectives of education that we feel have demonstrated timeless worth:

Education should prepare students to..

- use their minds well and become lifelong learners.
- be a responsible citizen in a democratic society.
- earn a living, in a broad sense, by teaching them to teach themselves.

In order to achieve these objectives, we at De Anza provide all students with a core of rigorous subjects throughout their four years. Students of all skill levels work together toward the same educational goals. This assures all students equal opportunity to progress to their fullest ability.

As a parent or student, your first decision should be whether or not these goals are important to you.

What does Classical Studies offer?

Computers. De Anza's state-of-the-art **IBM computer lab** figured highly across our curriculum during 1989-90, accommodating up to 95 students per period by mid-year. It is staffed by two full-time teachers and four coaches. Students work on assignments, projects and research, as well as interactive software. A telephone line linkup has been established with the Lawrence Hall of Science in Berkeley. Both the student newspaper and literary magazine are produced there. What makes our Classical Studies lab different is that *students use it in all their subjects*, not just in Math or Computer Programming. Our 1989-90 De Anza freshmen received hands-on experience in word processing and a wide variety of software.

Coaching happens in small groups where students learn by doing. It is usually interactive; that is, students are working on tasks individually or cooperatively, with access to a teacher, tutor or each other to guide, instruct, or clarify. Coaching individualizes instruction and can be used for enrichment or remediation.

Seminar. Every student participates in a weekly two period college-style seminar. Here, Socratic questioning is aimed at "bringing ideas to birth", honing the students' critical thinking skills (since not all ideas are born fully developed). This is done by structured, open-ended discussion in which the teacher is no longer the expert, but rather a skilled participant, who helps students think out loud, and leads them then to clarify and expand their thinking.

Next year, seminars will continue to "borrow" a period a week each from English and History classes. Though seminar pulls from all the curriculum areas, for the 1990-91 school year, it is considered a Humanities course, with students' seminar grade counting for 10% of both History and English grades. An evening seminar is available for parents who wish to experience first hand how the process works.

Extra support to help students achieve. Perhaps the most unique feature of Classical Studies is the **Safety Net Program**. Not all of our students come to us academically, socially or emotionally prepared to do well in school. Therefore, we designed an integrated, whole school approach, one that provides all students with the help they need to succeed. It combines many fine programs which already existed with new ones to create two basic networks of academic and behavioral support.

Academic support safety nets (see diagram) include coaching, tutoring, special skills classes, GATE (Gifted and Talented Education), academic counseling, special skills classes and career education. Some of our teachers provide academic help to students by voluntarily using an extra preparation period under the district contract outlining Professional Service Projects.

Behavioral support is wide-ranging and includes the CARE Team, which refers students to appropriate assistance either on or off campus. There are regularly scheduled on-campus support groups for students who experience difficulties with problem-solving, communication, and peer pressure, and time-out rooms have been set up for immediate problem-solving. Friday Night Live is available for those concerned about drinking and driving, and Conflict Management helps reduce violence. Youth Educators are a team of students who teach resisting peer pressure. All of these "nets" help us catch students *before* they fail. The Safety Net diagrams show what we have, what we're developing, and what we are planning for the future. Handbooks outlining the Safety Nets now available to family, staff and students can be obtained from the De Anza School Office.

Common classroom practices and whole school strategies to manage student behavior. As part of the Safety Net strategy, students and parents should know what is expected of them and how all of us in the school community are accountable to each other. In addition, starting in 1990-91 the following will become common threads across the curriculum:

Goal setting and self evaluation

Student portfolios of academic accomplishments

Future goals set and continually revised

Student responsibility for demonstrating what they've learned with their teacher as coach

Clear expectations

Code of conduct and why it is important

Need to respect fellow students, teachers, staff, school facilities

Appropriate behavior, social skills, and character development

Organization

Structure of the school

Rules, consequences, and rewards

Attendance and academic requirements

Rights and responsibilities

Troubleshooting

Problem solving and conflict management

School academic and behavior support groups and services provided

Multicultural awareness

Right to seek and receive help where needed

Access the Safety Net

Community Service

Volunteering to participate in projects to aid the community/school

Working with local service organizations

Through these common practices and whole school strategies, students will develop a sense of community and improve self esteem. Students will also develop strategies for success while we support them as they rise to the expectations of the Classical Studies Program.

How is a Classical Studies High School different from the other choices available?

First of all, De Anza's Classical Studies program is unique in that it is the only high school model in the RUSD that offers a **whole school specialty**. All incoming 9th grade students will be a part of the four-year Classical Studies Program which began with the class of 1989-90. Students enrolled in grades 11-12 will continue with the current program which is to be phased out over the next two years. Students in the upper grades will continue to receive the quality education De Anza has always offered, and will even benefit from improved facilities and more teacher expertise.

When you choose De Anza, you choose Classical Studies in its entirety, because our goal is to make all our classes special; *we want to make school more challenging and exciting for everybody in every class.*

The challenge. We offer De Anza students a special Classical Studies diploma, which will

require demonstration of mastery across subject areas above and beyond the 225 units needed to graduate.

Many times students make uninformed decisions early in their academic careers and find out too late that they don't have the background they need for higher paying jobs or college. To make sure our students have choices when they graduate, all De Anza students will take four years of English, Social Sciences/History, Mathematics, Foreign Language, Seminar, and Science. Students also can choose from among an array of exciting electives to fulfill requirements in Physical Education, Applied Academics, and Fine and Performing Arts.

The excitement. Though more subjects are "required," we feel students will actually have more "choices" available at De Anza.

First, in addition to the classes mentioned above, students may choose electives to pursue individual interests in each of their four years at De Anza. Because we do not specialize in a single area -- like science and technology, for example -- we can provide the widest selection of subject areas to choose from, as shown by the course listings in this booklet.

Secondly, we are providing students with more opportunities to choose interesting books, assignments, projects, and research *within each subject*. That is, even though a course may be required, we recognize that students have to be encouraged to pursue individual interests *to make school interesting and appealing*. This prepares students for a **Senior Thesis Project**. By 12th grade we expect to offer students an opportunity to work with a faculty advisor on a year long basis to develop, research, and publish a project of their own choosing.

Finally, starting next year, we will offer more **Advanced Placement** classes than ever before, and we will continue our partnership programs with local colleges and universities to provide exceptional students with opportunities for advanced study during their later years of high school.

Why choose De Anza?

De Anza has a number of strengths that have worked very well for our students in the past and have been a source of pride to our community. These are the foundation upon which we have constructed our new Classical Studies Program.

Community. High Schools are like small cities, and it's easy to get lost without a sense of togetherness and community purpose. That's what we have at De Anza. We are multicultural and draw from all sectors of the surrounding communities, so our students enjoy the excitement of new friends and the security of old ones.

At De Anza, students participate in a wide range of clubs, organizations, and social activities. That means there are lots of ways to meet people and work together to make a better school and to have fun doing it. Opportunities include peer tutoring, peer counseling, conflict management, alcohol and drug use/abuse support groups, cultural awareness, campus beautification, assistance to our severely handicapped students, teacher's assistant and much more.

Staff. We have a staff committed to excellence. As both learners and teachers, our faculty has distinguished themselves both locally and nationally, receiving awards for writing, teaching, coaching and community service. Administrators and support personnel have demonstrated similar commitment and accomplishment.

We are committed to making school exciting for everyone. That's why we have committed ourselves to providing teachers, administrators, and support personnel with ample opportunities for continued training and professional growth.

Achievement. At De Anza, you'll find multiple opportunities for academic, social, and athletic achievement. In recent years, each graduating class has included students bound for the best colleges and universities in the country. Our students have done well in competitions and programs outside of the school, and have won numerous scholarships. We are the only Close Up school in the RUSD, sending students to Washington D.C. each year to study how our government works. Our sports programs have produced more than their share of champions.

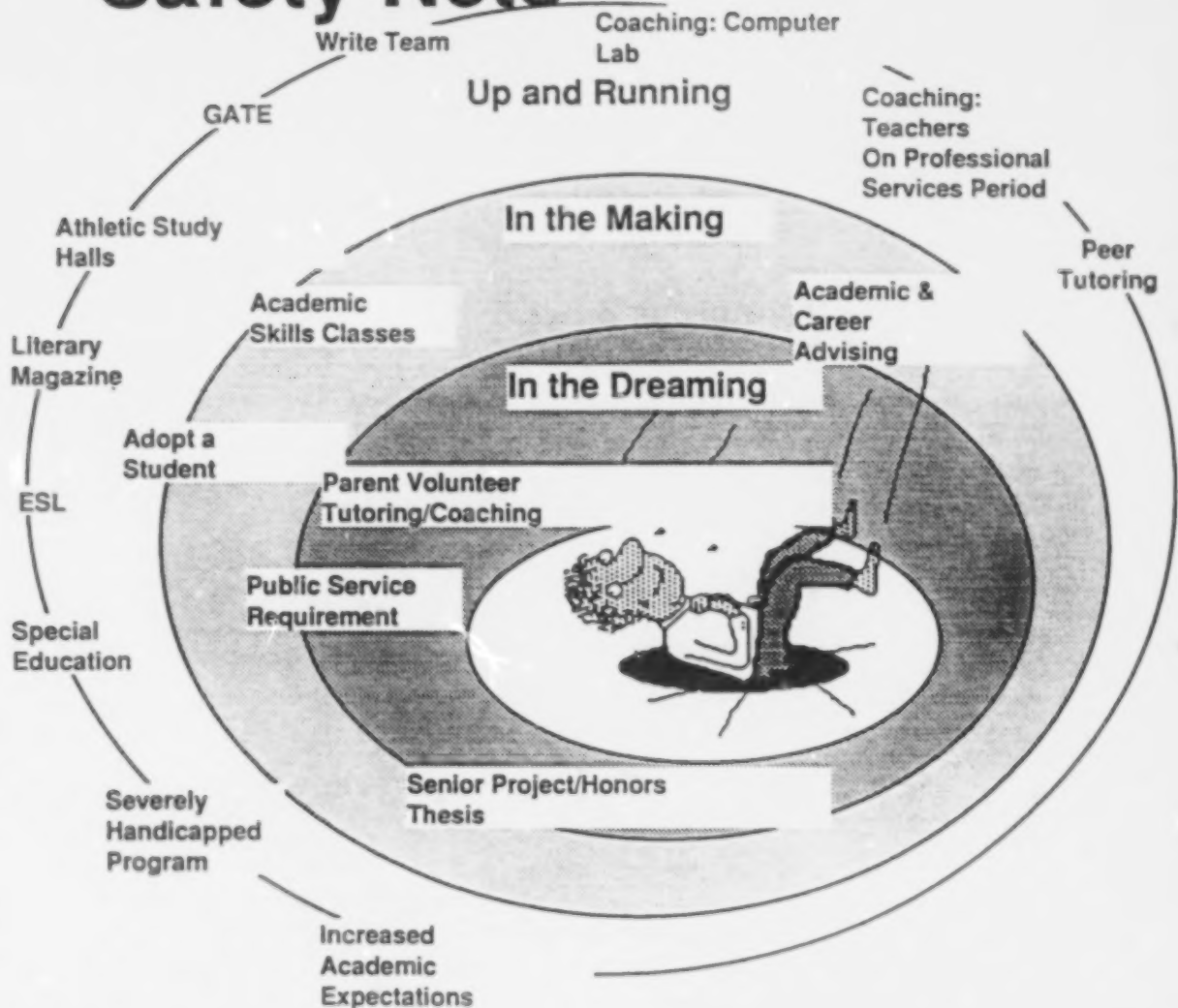
How will parents be involved?

Parents have helped through our existing organizations, **PTSA, and Boosters.** In addition, we plan to begin next year with a new parent-coordinated community involvement plan called **RSVP**, to increase parent participation in school programs. Parents and guardians of De Anza students will be asked to volunteer to help make Classical Studies the best program in the district.

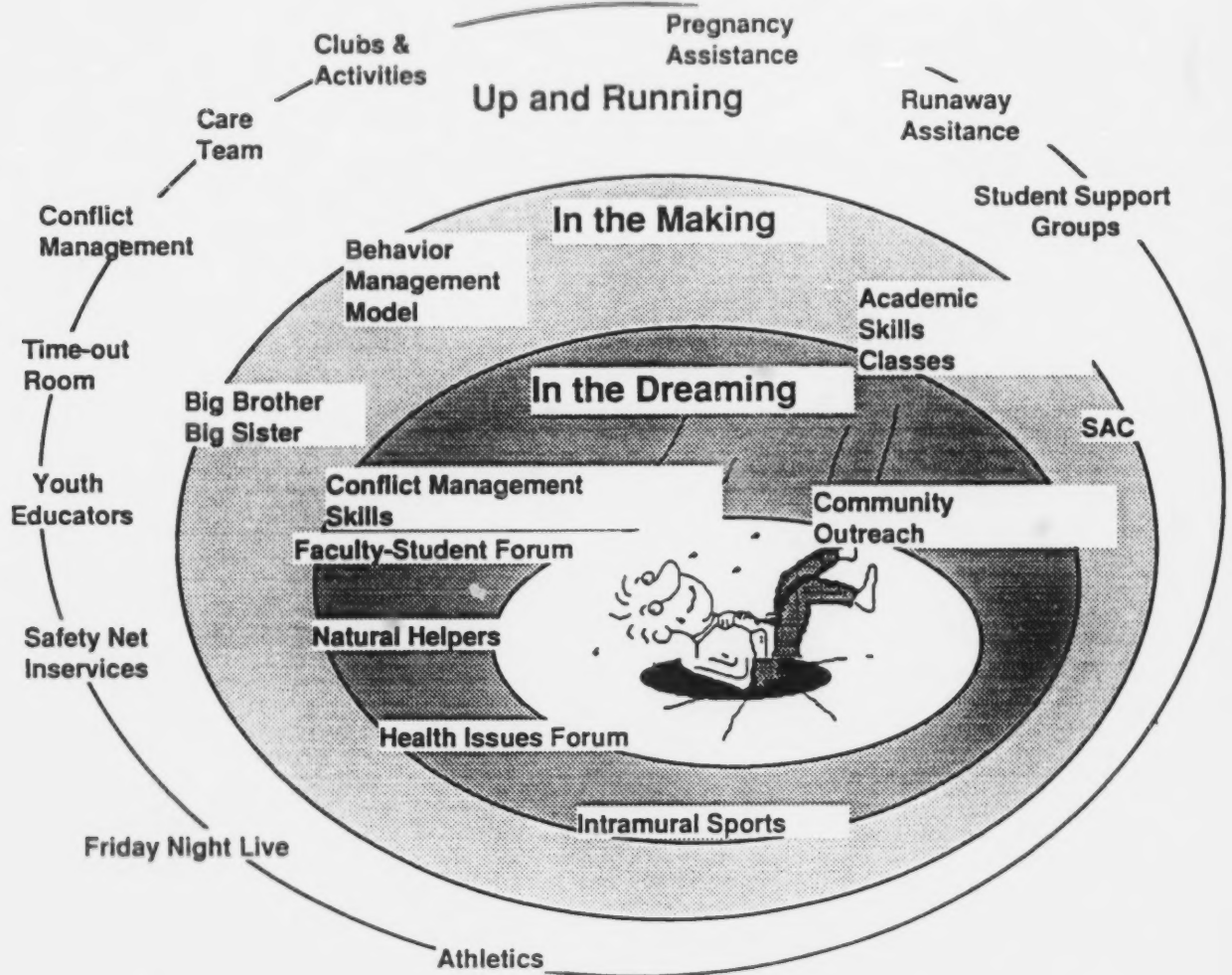
One last thing...

The Classical Studies Program at De Anza projects a comprehensive ideal to be aimed at, a commitment to continued improvement which is constantly renewed. For teachers it means the challenge of working together to improve our instruction according to a clear, unifying philosophy and coordinated teaching strategies. For parents it means greater participation and involvement in their children's education. For students it means meeting greater expectations, but in a school better structured to make that possible. For all of us as an educational community, Classical Studies means sharing and learning to share, even across perceived divisions, in order to build a school that works for everybody.

Student Academic Safety Nets



Student Safety Nets for Behavior



GRADUATION REQUIREMENTS

The District plans to implement several changes over the next three years to the credit distribution requirements for graduation. The table below is laid out by year of graduation and describes the number and distribution of credits a student will need to qualify for a diploma. Students should concern themselves only with the requirements appearing under their graduation year.

	CLASS GRADUATING IN...			
	1991	1992	1993	1994
ENGLISH	40	40	40	40
MATHEMATICS	20	20	30	30
PHYSICAL EDUCATION	20	20	20	20
PHYSICAL & LIFE SCIENCES	20	20	20	20
WORLD HISTORY	10	10	10	10
ECONOMICS	5	5	5	5
U.S. HISTORY	10	10	10	10
AMERICAN GOVERNMENT	10	10	5	5
SOCIAL SCIENCE ELECTIVES	--	--	10	10
FINE ARTS/FOREIGN LANGUAGE	10	10	10	10
ELECTIVES	80	80	65	65
<u>TOTAL CREDITS</u>	225	225	225	225

Each student must also pass a course on first aid and proficiency tests in writing, reading, written expression, and mathematics

Beginning with the Class of 1993, all students will also be required to demonstrate computer literacy.

ENTRANCE REQUIREMENTS

University of California, California State University, and California Community College Systems

The following information is offered to help all students plan their academic programs. Because the District has no say in these requirements, we encourage students to contact their counselors and college representatives as they plan to further their education.

All students should consider course loads which will prepare them for college-level work; even those students who decide not to continue their education beyond high school will find their strong academic preparation gives them an advantage in the job market.

California Community Colleges

The colleges automatically grant admission to high school graduates. Anyone who is not a high school graduate but is at least 18 years old may be admitted on probation. The Community colleges urge students who plan to transfer to a four-year college to follow a college-preparatory high school course schedule.

California State University

Admitted students usually rank in the upper-third of their graduating high school class. Admission is based upon grade point average in grades 10-12 and scores on the SAT or ACT entrance examinations. The University does not normally accept marks lower than a "C." We suggest prospective applicants select the strongest college-preparatory course load available. The Cal State subject requirements are outlined below.

College Preparatory English	40 Credits	Laboratory Science	10 Credits
College Preparatory Math	30 Credits	Foreign Language	20 Credits
U.S. History/ Government	10 Credits	Visual/Performing Arts	10 Credits
		College Prep Electives	30 Credits

During the 1989-91 period, students who are admissible except for one or more deficiencies in the above requirements may be admitted conditionally.

University of California

The University course distribution requirements are often called the 'a-f requirements.' These are as follows:

(a) US History/Government	10 Credits	(e) Foreign Language	20 Credits
(b) English	40 Credits	(f) Electives must account for at least 40 credits	
(c) Mathematics	30 Credits	<u>in addition to</u> those required in a-e, and must	
(d) Lab Science	10 Credits	come from <u>at least two</u> of the following areas:	
		Advanced Math, English, Foreign Language, Lab	
		Science, Social Science, & Visual/Perform. Arts.	

Students should note that several other conditions apply to the UC entrance requirements:

- at least 70 of the a-f credits must be earned in the last two years of high school;
- a 3.3 GPA in the required a-f courses guarantees admission; students with lower a-f GPAs may be admitted if their SAT or ACT test scores compensate for the lower GPA;
- the University does not normally accept marks lower than 'C';
- students should rank in the top 12% of California high school graduates;
- students must submit results from the SAT or ACT and from the English Composition (with or without essay), Math I or II, and one other Achievement Test.

Sample Student Schedules

While we require students to have core experiences, our course offerings are rich and varied. Throughout their four years at De Anza, in the elective area, students may tailor their programs to meet their specific needs. Whether students are specialists or generalists, they can obtain the best education possible. Below are just two suggested 4 year plans. Please note that individual programs will vary with the choices students made.

Student A

9th Grade

Biology
World History
English 1
Geometry
Spanish 3
Typing 1A/Computer
Application (e)
P. E.

10th Grade

Chemistry
Economics and Geography
English 2
Algebra II
Spanish 4
Beginning Piano (e)
P. E.

11th Grade

Physics
AP U. S. History
AP English: Language/
Composition
Math Analysis
Spanish 5 H
Advanced Piano (e)
Clothing 1 (e)

12th Grade

AP Biology
AP American Government
AP English: Literature/
Composition
AP Calculus
Spanish 6 H
Senior Project (e) **
Computer Programming (e)

Student B

9th Grade

Biology
World History
English 1
Algebra A
Spanish Skills
Study Skills (e)
P. E.

10th Grade

Conceptual Chemistry
Economics and International
Relationships
English 2
Algebra B
Spanish 1
Psychology (e)
P. E.

11th Grade

Chemistry
U. S. History
English 3
Discovering Geometry
Spanish 2
Basic Art (e)
Weight Lifting (e)

12th Grade

Health Science
American Government
English 4
Geometry
Spanish 3
Advanced Art (e)
Wood 1 (e)

* e denotes elective

** to be offered 1992-93

COURSE LIST FOR DE ANZA HIGH

APPLIED ACADEMICS

BUSINESS EDUCATION DEPARTMENT

- s Bookkeeping
- s Business Computer Applications
- General Business
- Recordkeeping
- Stenography 1
- s Typing 1
- s Typing 1 A
- Typing 2

CONSUMER HOME ECONOMICS DEPT.

- s Clothing 1/2
- s Creative Decoration
- s Dollars and Sense
- s Food, Fads, Facts
- Foods 1
- Foods 2/Advanced
- Early Childhood Development
- Skills for Living

INDUSTRIAL TECHNOLOGY DEPT.

- s Auto Body
- s Auto Tune Up
- Drafting 1
- Drafting 2/Advanced
- Metal 1
- Metal 2/Advanced
- Shop Assistant
- Wood 1
- Wood 2/Advanced

BILINGUAL DEPARTMENT

- English as a Second Language:
- Beginning and Advanced
- ESL Reading 1
- U. S. History BL

- World History BL
- American Government BL

CAREER DEVELOPMENT CENTER

- Account Clerk
- Auto Body Repair
- Auto Specialization
- Banking Occupations
- Building Maintenance
- Child Aide Training
- Computer Programming Trainee
- General Merchandising
- General Office Skills
- Graphic Design and Communications
- Horticulture/Nursery Occupations
- Industrial Drafting
- Industrial Maintenance
- Mechanic
- Legal/Medical Secretary
- Word Processing

COMPUTER SCIENCE DEPARTMENT

- s Computer Applications
- p Computer Science
- p Computer Science Advanced Placement

ENGLISH DEPARTMENT

- Advanced Essay
- s Black Literature
- s Creative Writing
- p English 1-4
- p English Advanced Placement Language and Composition
- p English Advanced Placement Literature and Composition
- English/Reading
- Journalism 1
- Journalism 2
- p Oral English
- s Shakespeare

FINE AND PERFORMING ARTS
ART DEPARTMENT

- p Basic Art
- p Art Advanced
- p Basic Art: Ceramics
- Basic Art: Crafts
- Crafts Advanced
- Basic Art: Stained Glass
- Stained Glass Advanced
- p Basic Art: Sculpture
- Basic Art: Graphic Design and Communication
- tr Yearbook

MUSIC DEPARTMENT

- p Acappella
- tr Band, Concert
- tr Band, Jazz
- p Band, Symphonic
- Beginning Instruments
- Chorus
- Music Appreciation
- Piano, Beginning
- Piano, Intermediate
- Piano, Advanced
- tr Vocal Ensemble

THEATRE DEPARTMENT

- Stagecraft
- Theatre 1
- p Theatre 2/Advanced

FOREIGN LANGUAGE DEPARTMENT

- French 1*
- p French 1-4
- p French 5-6 H
- p German 1-4
- p Latin 1
- Spanish 1*
- p Spanish 1-4
- p Spanish 5-6 H
- Spanish Experience

LIBRARY

- tr Library Assistant

MATH DEPARTMENT

- Algebra A
- Algebra B
- p Algebra 1
- p Algebra 2
- p Calculus Advanced Placement
- p Discovering Geometry
- p Geometry
- Math 1
- Math 2
- p Math Analysis
- Practical Math
- Pre Algebra A

OTHER COURSES

- Office Experience
- Teacher Aide/Typist
- Work Experience

PHYSICAL EDUCATION DEPARTMENT

- Aerobics
- tr Athletics
- Dance 1
- Dance Advanced
- Gymnastics
- Gymnastics Advanced
- Individual Sports
- Physical Education Core
- Sports: Contact
- Sports: Non-contact
- Weight Training

SCIENCE DEPARTMENT

- Basic Biology Study Skills
- p Biology
- p Biology Advanced Placement
- p Chemistry Concepts
- p Chemistry
- p Chemistry Advanced Placement

Earth Science
 Health Science
 Laboratory Assistant
 Physical Science
 p Physics
 p Physiology

SOCIAL SCIENCE DEPARTMENT

p American Government
 p American Government Advanced Placement
 ps Economics
 ps Economics II
 s Geography
 s International Problems
 e Leadership
 s Minorities in America
 Psychology
 Sociology
 p U. S. History
 p U. S. History Advanced Placement
 s Women's Movement in America
 p World History

SPECIAL EDUCATION DEPARTMENT

Resource Specialist
 Special Day Class
 Severely Handicapped

s semester course

p qualifies as "college Preparatory" under agreement with UC - 1986

e must be elected to class or student association office to enroll

tr teacher recommendation

APPLIED ACADEMICS

Applied Academics

In considering the Applied Academics we must put aside notions that such classes are only for those who must learn a trade in which to work after high school. Training in the manual arts is as much mind training as it is hand training, requiring elements of art, craft, science, math, English and technology. The focus will be on integrating academic principles and practical application in the completion of projects and activities across the curriculum. Applied Academics includes the departments of

Business Education
Home Economics
Industrial Technology

BUSINESS EDUCATION DEPARTMENT

BOOKKEEPING

Grades	10-12
Course Length	Year
Prerequisite	Math 1 or higher with a mark of "C" or better
Graduation Requirements	Elective
Description	Fundamentals of double-entry accounting as used for recording and reporting the financial activities of a business. Includes computer applications.
Career Possibilities	Bookkeeper, accountant, bank teller, proprietor

BUSINESS COMPUTER APPLICATIONS

Grades	10-12
Course Length	Semester
Prerequisite	Typing I
Graduation Requirements	Elective

Description	Applications using typewriters and computers to prepare data and word processing materials. Emphasis on language arts skills (grammar, spelling, vocabulary, punctuation) and improved keyboarding. Students will be made aware of vocational and personal use of computers.
Career Possibilities	Bank teller, accountant, bookkeeper

GENERAL BUSINESS

Grades	9-10
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	An introduction to the business world. General Business is intended both for those who may go into business as well as those who need to develop understandings and skills to improve themselves as consumers and citizens in our increasingly complex society.
Career Possibilities	Office manager, administrative secretary, business manager.

RECORDKEEPING

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Designed as a survey course to introduce the student to various aspects of the business world. Topics will include the use of business forms, simple journal entries, simple posting and trial balance, simple bookkeeping statements, and filing.
Career Possibilities	Shipping and receiving clerk, office worker

STENOGRAPHY 1

Grades	10-12
Course Length	Year
Prerequisite	Typing 1 and a mark of "C" or better in English

Graduation Requirements	Elective
Description	Introduction to the theory of Gregg shorthand. Gregg shorthand employs the process of learning a symbolic alphabet to write the sound of words. By the end of the first year students should be able to write shorthand at a rate of 60 to 80 words per minute.
Career Possibilities	Executive secretary, medical transcriber

TYPING 1

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Intended for all students interested in learning to type for either personal or vocational use. Touch typing is taught with an emphasis on accuracy rather than speed.
Career Possibilities	Receptionist, typist, medical transcriber

TYPING 1A

Grades	9-12
Course Length	Semester
Prerequisite	None
Graduation Requirements	Elective
Description	A one semester class in touch typing and keyboarding emphasizing technique and accuracy rather than speed. Experience includes both electric typewriters and computers.
Career Possibilities	Word processor, typist, legal transcriber

TYPING 2

Grades	10-12
Course Length	Year
Prerequisite	Typing 1 with a mark of "C" or better or Typing 1 A with a mark of "B" or better.

Graduation Requirements	Elective
Description	Designed to improve typing skills of interested students. The student will learn to type on business forms, to type letters in different styles, to proofread, and to build speed and accuracy.
Career Possibilities	Executive secretary, word processor, medical transcriber

CONSUMER HOME ECONOMICS DEPARTMENT

CLOTHING 1/2

Grades	9-12
Course Length	Year/semester
Prerequisite	None
Graduation Requirements	Elective
Description	Designed to develop basic sewing techniques. The student will be responsible for providing all supplies and materials and completing one required sewing project per quarter. Projects will be suitable for beginning and intermediate skills.
Career Possibilities	Fashion artist, fashion/clothing designer, pattern maker

CREATIVE DECORATION/STITCHERY

Grades	10-12
Course Length	Semester/Year
Prerequisite	None
Graduation Requirements	Elective
Description	Course emphasizes individual instruction focusing on design and creating projects for home and self. Included is basic information on line, design and color as it relates to home decoration and personal dress and accessories. Projects can be selected from stitchery (embroidery, crewel, needlepoint, quilting, etc); table and room decorations; or other special interests or needs.
Career Possibilities	Interior design, fashion, merchandising

DOLLARS AND SENSE

Grades 10-12

Course Length Semester

Prerequisite None

Graduation
Requirements Elective

Description Students will learn how to better manage their money. Topics covered will include buying a major item, getting credit cards, banking, renting and/or purchasing a house and developing spending plans. Emphasis will be on how to be a GOOD consumer and how to survive in the market place on your own.

EARLY CHILDHOOD DEVELOPMENT

Grades 10-12

Course Length Year/semester

Prerequisite None

Graduation
Requirements Elective

Description Relationships; pre-natal development, labor, delivery and birth options; diet and nutrition; the physical, social and emotional development of the child from infancy to five years of age; abortion; aids; substance abuse; adoption; teen pregnancy; working parents; and single parenting are topics which will all be addressed during the year. This course is for male and female students.

FOOD, FADS, FACTS (Nutrition)

Grades 10-12

Course Length Semester

Prerequisite None

Graduation
Requirements Elective

Description Introduction to basic nutritional information: students learn the relationship of nutrition to physical health and how together they affect how you look, feel, and function. Recommended for athletes as athletic performance relates to food intake. Lab experiences included.

FOODS 1

Grades 9-12

Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Basic food preparation techniques for the beginning student. Students learn to shop, plan and prepare a meal in a kitchen setting. Nutrition and the basic food groups will be studied.

FOODS 2/ADVANCED

Grades	10-12
Course Length	Year
Prerequisite	Foods 1 with a mark of "C" or better
Graduation Requirements	Elective
Description	Advanced food preparation techniques. Students will gain further knowledge and experience in menu planning, preparation, serving meals, and entertaining.

SKILLS FOR LIVING

Grades	9-12
Course Length	Semester
Prerequisite	None
Graduation Requirements	Elective
Description	Designed to provide students with essential knowledge, skills, and attitudes needed to survive in our changing society. Areas of study will include: Consumer Education, Child Development, Food and Nutrition, Family Living and Parenthood, Clothing and Textiles, Housing, Home Equipment, Home Management, and Home Furnishings.

INDUSTRIAL TECHNOLOGY DEPARTMENT

AUTO BODY

Grades	11-12
Course Length	Year
Prerequisite	Auto 1 or Metal 1 with a mark of "C" or better or permission of the instructor. Student must be 16 years of age.

Graduation Requirements	Elective
Description	A three-hour course for the serious student interested in gaining advanced skills. Experiences will include welding, metal finishing, replacement and alignment of parts, panel replacement, glasswork and painting. Students may, if they wish, work on their own automobiles with the approval and under the supervision of the instructor.
Career Possibilities	Automotive body customizer, claims adjuster, painter

AUTO TUNE-UP

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Practical, hands-on experience in performing routine auto maintenance. Students will learn how to do minor tune-ups, oil changes, etc.
Career Possibilities	Service station attendant, auto mechanic

DRAFTING 1

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Drafting 1 is designed to introduce the "graphic language" to students. Students will be exposed to sketching, lettering, geometry of technical drawing, dimensioning, three view drawings, and pictorial drawings. In this course students will learn the fundamentals of drafting so that they students can achieve real skill, solid accomplishment, and a thorough understanding of the many fields of technical illustration.
Career Possibilities	Draftsperson, architect, engineer, carpenter

DRAFTING 2/ADVANCED

Grades	10-12
Course Length	Year

Prerequisite	Drafting 1 with a mark of "C" or better, or permission of the instructor
Graduation Requirement	Elective
Description	Drafting 2 and Drafting Advanced are designed to further develop the skills introduced in Drafting 1. The subjects covered in Drafting 2 will include sectional views, auxiliary views, threads and fasteners, working drawings, pictorial drawings, developments and intersections, and architectural drafting. Drafting Advanced includes independent projects for students who show a desire to gain further knowledge in architecture, blueprint reading, and computer graphics.

Career Possibilities	Architect, engineer, industrial designer, draftsman, contractor, technical illustrator
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METAL 1

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	An introductory course covering the various techniques used in the metals industry. Experiences include oxy-acetylene and arc welding, casting metals, machining metal, layout, shop sketching, heat treating, forging, sheet metal fabrication, and bench work. This course serves as a prerequisite for Metal 2 and Auto Body Repair. Any student interested in mechanics or engineering would benefit from this course.
Career Possibilities	Mechanic, engineer, metal worker, machinist

METAL 2/ADVANCED

Grades	10-12
Course Length	Year
Prerequisite	Metal 1 and/or Metal 2 with a mark of "C" or better or permission from the teacher
Description	Advanced metal working courses in which the student gains experience in the operation of various machine tools which include the engine lathe, shaper, milling machine, surface grinder, band saw, and other metal working machines and equipment. Additional emphasis is also placed on improving skills in oxy-acetylene and arc welding together with an introduction to heli-arc welding. The student is also introduced to more complex layout techniques which are necessary for more advanced machine work. Time is provided in Metal Advanced to work on advanced welding techniques and to improve skills as a welder.

Career
Possibilities Toolmaker, mechanic, engineer, machinist, metal worker

SHOP ASSISTANT

Grades 9-12

Course Length Year/semester

Prerequisite At least one year of instruction in the subject in which student wants to assist and teacher approval

Description Assists teacher in one of the following shops, performing duties as assigned: Wood, Drafting, and Auto.

WOOD 1

Grades 9-12

Course Length Year

Prerequisite None

Graduation
Requirements Elective

Description An introductory woodworking course emphasizing the development of hand tool skills, calculation of lumber costs, wood species and use, basic power tool instruction, safety instruction, and finishing techniques as applicable to wood products.

Career
Possibilities Artist, model designer, cabinet maker

WOOD 2/ADVANCED

Grades 10-12

Course Length Year

Prerequisite Wood 1 with a mark of "C" or better or permission of the instructor

Graduation
Requirements Elective

Description An advanced woodworking course emphasizing the use of machine tools, proper machine tool safety, and contemporary wood finishing techniques. Additional emphasis is also placed on calculation of lumber costs, shop sketching, and design of wood products.

Career
Possibilities Wood pattern maker, model designer, cabinet maker

BILINGUAL DEPARTMENT

ENGLISH AS A SECOND LANGUAGE: BEGINNING AND ADVANCED

Grades	9-12
Course Length	Year
Prerequisite	LEP certification and referral
Graduation Requirements	Satisfies one year of English requirement
Description	Intended for non-English or limited English speaking students. This class will develop students' abilities to use English as their everyday means of communication. Grammar based instruction focuses on oral activities for speaking, reading and writing, and video recording for speaking.

ESL READING 1 (LEVELS 1, 2)

Grades	9-12
Course Length	Year
Prerequisite	LEP certification and referral
Graduation Requirement	Does not satisfy one year of English requirement
Description	Intended for non English and limited English speaking students. Emphasis is on a wide variety of reading, study and writing skills. (Level 1 for LEP 1,2 and Level 2 for LEP 2,3,4.)

ESL READING 2 (LEVELS 3, 4)

Grades	9-12
Course Length	Year
Prerequisite	LEP certification and referral
Graduation Requirement	Does not satisfy one year of English requirement
Description	Intended for those who need additional language instruction. This course follows the main sequential skills of reading with an emphasis on second language acquisition.

WORLD HISTORY BL (Spanish)

Grades	9-10
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Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies World History requirement
Description	Intended for students with a limited background in world history. This class serves as an introduction to the social sciences with area studies of Europe, Asia, Latin America and Africa. This class is taught in both Spanish and English.

US HISTORY BL (Spanish)

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies U. S. history requirement
Description	Intended for students with a limited background in U. S. history. The course is taught in English and Spanish and begins with early American history and is limited to the most important historical events and ideas. More emphasis is placed on the period of history since the Civil War.

AMERICAN GOVERNMENT BL (Spanish)

Grades	11-12
Course Length	Year
Prerequisite	11th grade students must have counselor's approval
Graduation Requirements	Satisfies American Government requirement
Description	A one year course of the theory and structure of the American political, economic and legal systems. Basic units will include the study of the executive, legislative and judicial branches, the American political process, civil rights, domestic issues, international problems, economics, and state, county and local governments. This class is taught in both Spanish and English

CAREER DEVELOPMENT CENTER

The Richmond Unified School District, as one of the leaders in innovative and progressive education, has been instrumental in developing career-oriented programs. Richmond Unified School District students should carefully consider their future careers and evaluate the programs offered in the CDC. The CDC programs may fulfill the educational aspirations of many Richmond Unified School District students. Consult with your friends, parents, teachers and counselors about the many advantages in the CDC.

Students who qualify for the CDC program and opt to enter will be enrolled in ten (10) or fifteen (15) credits a semester. The CDC courses provide students with hands-on experience with state of the art technology. Normally, any student sixteen years of age or older is eligible to apply for a CDC/ROP class.

Listed below are the classes in the CDC program which are held on the Richmond High School Campus. Students who may be interested or would just like to know more about the program should consult with their counselors. Transportation is provided by the district.

ACCOUNT CLERK

Grades	11-12
Course Length	Year
Prerequisite	Basic math skills
Graduation Requirements	Satisfies one year of mathematics
Description	Training is provided in the areas of general accounting, including accounts payable/receivable, payroll systems, trial balance, financial statements, computer literacy and computer-assisted accounting. Other office skills necessary for entry level jobs, including the use of the ten-key calculator, are also stressed. Key boarding skills are helpful.
Career Possibilities	Accounts Payable Clerk, Accounts Receivable Clerk, Payroll Clerk, Account Clerk

AUTO BODY REPAIR

Grades	11-12
Course Length	Year
Graduation Requirements	Elective
Description	This course trains students in the proper use of hand tools, power tools, and hydraulic equipment to rough out crushed auto body parts to proper alignment, to use welding equipment and power tools, to restore damaged parts to their original conformation, and to refinish the repaired surfaces.

Career
Possibilities Auto Body Repairman, Dismantler

AUTO SPECIALIZATION

Grades 11-12

Course Length Year

Graduation
Requirements Satisfies one year of Physical Science

Description This course provides training in the automotive specialty area of tune-up. Students learn to diagnose and make repairs and/or adjustments to automobile fuel and ignition systems, brakes, alignment and tires. The course is taught to the standards of Automotive Service Excellence (A.S.E.) a national organization devoted to good, consistent auto repair.

Career
Possibilities Service Station Mechanic (non-union), Auto Apprentice Mechanic in a Repair Shop, Trade Entry Tune-up Technician.

BANKING OCCUPATIONS

Grades 11-12

Course Length Year

Graduation
Requirements Satisfies one semester of Mathematics

Description Students are trained in marketable banking skills. Training includes a basic core of the skills and knowledge common to all banking positions and specific hands-on training, including micro-computer operations and ten-key by touch. Qualified students may receive additional training at a local bank.

Career
Possibilities Automatic Teller Machine Operator, Computer Clerk, Bookkeeper, Proof Machine Operator, Customer Service Representative, Paying and Receiving Teller, New Accounts, Savings and Loan Counselor.

CHILD CARE OCCUPATIONS

Grades 11-12

Course Length Year

Graduation
Requirements Satisfies one semester of English

Description The child aide training program provides the student with the background knowledge to work with children as a parent or in child care facilities. On-the-job training provides experience and skills for entry-level jobs. This is a one or two year program.

Career Child Care Assistant/Aide, Early-Childhood Teacher's

Possibilities	Aide, Recreation Playground Aide, Food Service Worker in Children's Programs, Licensed Home Child Care Operator, Governess.
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COMPUTER PROGRAMMING TRAINEE

Grades	11-12
Course Length	Year
Graduation Requirements	Satisfies one year of Mathematics (advanced) Satisfies one year of Physical Science if advanced
Description	Students will become acquainted with equipment and computer programs used in business. Students will learn to use and program data base management systems, word processing packages, text editors and spreadsheets. Students will learn to program in one or more of the following languages: BASIC, COBOL, Pascal or C. In addition to the hands-on computer lab work, students will complete an introductory course in computer fundamentals and information processing to provide an understanding of computer-related occupations. Advanced students will learn to program in a second language and study systems operations. Hardware skills are highly recommended. This course may be taken for a second year for advanced training.
Career Possibilities	Programmer Detailer, Digital Computer Operator, Peripheral Equipment Operator, Coding Clerk.

GENERAL MERCHANDISING

Grades	11-12
Course Length	Year
Graduation Requirements	Elective credits only
Description	The classroom portion of the course includes instruction in sales techniques, use of the cash register and customer relations. The on-the-job training portion of the course completes an overview of the entire industry.
Career Possibilities	Sales Clerk, Stock Clerk, Cashier

GENERAL OFFICE SKILLS

Grades	11-12
Course Length	Year
Graduation Requirements	Satisfies one year of English
Description	This course gives job training to students in filing, ten-key adding machine, electronic calculator, data entry, telephone techniques, civil service test preparation and job search techniques. A review of English, math, typing and spelling is provided.

Career Possibilities	Clerk Typist, Receptionist, General Office Clerk, Secretary, File Clerk
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GRAPHIC DESIGN & COMMUNICATIONS

Grades	11-12
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Course Length	Year with semester option
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Graduation	Satisfies one year of Fine Arts
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Description	An introduction to graphic design. A hands-on class including computer graphics. Students will learn to produce material for such items as posters, fliers, reports, newsletters, advertisements using lettering, illustrations, photographs, text. Access to a copy machine will enable students to try several possibilities for layout, enlargement, reductions, alternate arrangements. The software in the computer center can be used in conduction with and in addition to class projects.
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Career Possibilities	Press Operator, Plate Maker, Layout/paste-up Artist, Darkroom Assistant/Photographer.
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HORTICULTURE/NURSERY OCCUPATIONS

Grades	11-12
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Course Length	Year
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Graduation	Satisfies one year of Biological Science
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Description	Students train in such specific skills as plant identification, grafting, budding, layering, cutting, dividing, pruning and disease control. They are taught the proper and safe use of fertilizers, herbicides and pesticides and how to plant a lawn. Instruction is also given in the operation and maintenance of small gasoline engines used to power landscaping tools.
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Career Possibilities	Nursery Person, Flower Grower, Greenhouse Worker, Nursery Salesperson, Entry-level Landscaper.
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INDUSTRIAL DRAFTING

Grades	11-12
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Course Length	Year
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Graduation Requirements	Satisfies one year of Mathematics
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Description	Designed for those who plan careers in drafting, engineering, industrial design or architecture, this course teaches students to draw three-dimensional drawings requiring a high degree of accuracy. Good eyesight and manual dexterity are necessary. Normally a two-year course, those with more experience will finish faster. Students are trained in piping, electrical, architectural, construction materials and/or mechanical drafting. Computer Aided Drafting/Design (C.A.D./D) is a large part of the curriculum. We also offer classes in C.A.D./D only.
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Career
Possibilities

Draftsperson, C.A.D./D Operator

INDUSTRIAL MAINTENANCE MECHANIC

Grades 12

Course Length Year

Graduation
Requirements Satisfies one year of Mathematics

Description This program is designed for the male and female student interested in an entry-level career in industry as a maintenance mechanic. Students learn the practical applications of fractions, decimals, trigonometry, blueprints and a basic knowledge of electricity. Students learn the basic mechanical skills of the boilermaker, pipe fitter, welder and machinist crafts through classroom "hands-on" training. This program offers a job readiness module that is designed to teach the student to prepare employment applications and resumes. Good attendance is mandatory for completion of the course.

Career
Possibilities

Industrial Maintenance Mechanic

LEGAL/MEDICAL SECRETARY

Grades 11-12

Course Length Year

Prerequisite Basic typing skill of 40 words per minute

Graduation
Requirements Satisfies one year of English

Description Content includes typing forms, correspondence, documents, and a study of legal/medical terminology, ethics, human relations and job-finding skills. In addition, there will be a general review of office procedures and instruction in the use of computers and other office equipment.

Career
Possibilities

Legal Secretary/Stenographer, Transcribing Machine Operator, Legal Receptionist, Medical Secretary, Medical Receptionist, Medical Billing Clerk.

RECORDING ARTS

Grades 11-12

Course Length Year

Prerequisite None

Graduation
Requirements None

Description	This course is designed to give students an opportunity to learn about the field of audio recording and production techniques. Units on digital music, MIDI, analog and computerized multitrack recording, and recording studio practices and procedures will be covered. How audio recording relates to audio/visual production will also be included. This course will benefit anyone interested in the field of audio engineering or in learning how a home stereo works.
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WORD PROCESSING

Grades	11-12
Course Length	Year
Prerequisite	Basic typing skill of 40 words per minute
Graduation Requirements	Satisfies one year of English
Description	This course provides training to develop skills necessary to be productive using a text editing typewriter, visual screens, and machine transcribers. Training on Wordstar, WordPerfect, Multimate, Displaywrite III, Applewriter, and Lotus 123 software is offered. Units covering word processing concepts, job readiness, telecommunications, and electronic calculator operations are included. Spelling and grammar reviews are an integral part of the course.
Career Possibilities	Word Processor

COMPUTER SCIENCE DEPARTMENT

COMPUTER APPLICATIONS

Grades	9-12
Course Length	Semester
Prerequisite	None
Graduation Requirements	Elective
Description	Introduces the student to ways that a computer can help in doing school work or finding a job. The course will cover some of the most useful software for personal use: word processing, data base management, and spreadsheets. No computer background is required.
Career Possibilities	Word processor, data entry operator

COMPUTER SCIENCE

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Designed for the beginning programmer. The course emphasizes problem solving. Topics include entering, displaying, and manipulating information, boolean expressions, repetition structures, functions, procedures, and parameters. A high level computer language will be taught. No previous computer knowledge is necessary.
Career Possibilities	Financial analyst, mathematical technician, statistician

COMPUTER SCIENCE ADVANCED

Grades	9-12
Course Length	Year
Prerequisite	Computer Science with a mark of "C" or better.
Graduation Requirements	Satisfies Computer Literacy requirement

Description Designed for experienced programmers who wish to pursue advanced computer topics.

Careers Programmer, engineer, systems analyst, scientist

COMPUTER SCIENCE ADVANCED PLACEMENT

Grades 10-12

Course Length Year

Prerequisite Computer Science or consent of instructor

Graduation
Requirements Elective

Description Advanced computer science course for students planning to continue the study of computers at the college level. Topics include programming methodology, features of the programming language, data structures, searching algorithms, and sorting algorithms. The course is designed to prepare the student to take the Advanced Placement Exam in May. If the exam is passed, the student will earn transferable college credits.

Career
Possibilities Programmer, engineer, systems analyst, scientist

ENGLISH DEPARTMENT

ENGLISH LANGUAGE & LITERATURE

De Anza students take four years of English. Our guiding assumption is that acquiring language, improving one's ability to listen, speak, read and write, and achieving full literacy are goals for a lifetime. Language is an instrument for shaping, ordering, evaluating, and especially communicating our experience. Literacy is fundamental to all subject areas and basic to lifetime learning in a rapidly changing society.

The English Language and Literature curriculum calls for a literature-based program that emphasizes comprehension, composition and the instruction of skills in a meaningful context. This meaning-based curriculum integrates the teaching of listening, speaking, reading, and writing as is set forth in the state's Language Arts Framework for California Public Schools.

The English seminar requires students to think critically and to think both inductively and deductively. It instills the habit of reading for information, knowledge, understanding and pleasure. English coaching sharpens skills by constantly asking: What do I mean? What does it say? How can I fix it? Didactic instruction in literature treats the forms and genres of literature, their structure, historical and biographical contexts, and their relationship to current issues and ideas.

De Anza has already established an excellent reputation in English. We have been selected as one of only eight high schools in California to participate in the C.A.P. Writing Portfolio Assessment Project. Students in this program keep portfolios of their best work throughout their high school career. De Anza's English department has been active in the Bay Area Writer's Project since its inception, and some of our teachers are active as BAWP presenters.

ADVANCED ESSAY

Grades	11-12
Course Length	Year
Prerequisite	Teacher recommendation from current English teacher
Graduation Requirements	Elective
Description	A writing workshop for students who enjoy writing. Students will do class writing exercises for a variety of audiences and purposes; also, as peer writing coaches, they will learn several response techniques to help other student writers with drafts in progress.

CREATIVE WRITING

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Does not satisfy a year of English

Description	A workshop for writing and reading a variety of literature. Students may write essays, poetry, short stories or fiction. Much time is spent in class discussion of students' own writing.
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ENGLISH 1-4

Grades	9-12
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Course Length	Year
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Prerequisite	None
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Graduation Requirement	Each course satisfies one year of the English requirement
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Description	Basic courses in composition, speaking, vocabulary and literature. In these literature-based courses, students will participate in an integrated program of reading, writing, speaking, and listening. Core readings are required at every level.
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ENGLISH ADVANCED PLACEMENT - LANGUAGE AND COMPOSITION

Grade	11
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Course Length	Year
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Prerequisite	Teacher recommendation and approval
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Graduation Requirements	Satisfies one year of the English requirement
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Description	A college level study of language and writing designed to challenge the academically motivated student. It includes both the reading and analysis of varieties of discursive prose and the study of the process of writing. Students study examples of prose from various fields and periods that will serve as models of effective styles. The course is designed to prepare the student to take the Advanced Placement Exam in May. If the exam is passed, the student will earn transferable college credits.
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ENGLISH ADVANCED PLACEMENT - LITERATURE AND COMPOSITION

Grade	12
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Course Length	Year
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Prerequisite	Teacher recommendation and approval
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Graduation Requirements	Satisfies one year of the English requirement
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Description	A college level study of literature and expository writing designed to challenge the academically motivated and skilled student. This course concentrates on reading classics. It is designed to prepare the student to take the Advanced Placement Exam in May. If the exam is passed, the student will earn transferable college credits.
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ENGLISH/READING

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies one year of the English requirement
Description	Remediation of basic reading and writing skills. This course must be taken by all 9th grade students who fall below the 23rd percentile on the 8th grade reading test and by those who fail the Orbit reading test and the Writing Sample.

JOURNALISM 1

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Elective
Description	Encourages the development of an effective writing style. The student will learn fundamental newspaper production procedures, headline writing, photography, layout, and newspaper make-up. The class will be involved in the production of the student newspaper.
Career Possibilities	Reporter, newscaster, writer, editor

JOURNALISM 2

Grades	10-12
Course Length	Year
Prerequisite	Journalism 1 with a mark of "C" or better or permission of the teacher
Graduation Requirements	Elective
Description	See description of Journalism 1 above. Journalism 2 students are eligible for editorial positions on the student newspaper.
Career Possibilities	Public relations worker, advertising copy writer, reporter

BLACK LITERATURE

Grades 10-12

Course Length Semester

Prerequisite None

Graduation
Requirements Elective

Description In order to promote a heightened awareness of Black writers, students will be asked to discover and explore such writers as Frederick Douglass, Lora Neale Hurston, Gloria Naylor and Langston Hughes.

ORAL ENGLISH

Grades 10-12

Course Length Year

Prerequisite English 1 (General or College Preparatory) with a mark of "C" or better

Graduation
Requirements May be used to satisfy one year of the English requirement

Description Gives the student an opportunity to overcome the fear of speaking to others. Techniques are designed to help the student write more effectively as well as to speak with confidence through such activities as speeches, interviews, stories, oral interpretations, debates, etc. Oral English may be taken in addition to a regular English course or may substitute for one year of English entrance requirements to a four year college or university.

SHAKESPEARE

Grades 11-12

Course Length Semester

Prerequisite Pass the reading and writing proficiency exams

Graduation
Requirements Elective

Description A class devoted entirely to reading and writing about Shakespeare's plays. All plays are read with recordings and watched on video-tape. The plays include Midsummer Night Dreams, The Taming of the Shrew, Macbeth, Othello and Hamlet. The writing assignments help prepare students for college writing. This class is recommended for students interested in drama and theater appreciation.

FINE AND PERFORMING ARTS

Fine and Performing arts will be an integral part of the Paideia curriculum as students pursue individual interests. Study will include choices between art, crafts, music, dance, and theatre. In keeping with the California State Framework, courses encourage aesthetic perception and values, creative expression, and our multicultural arts heritage.

Students will learn to integrate their aesthetic growth and creative techniques into other fields of study; an appreciation of drawing and painting gives visual force to the study of historical eras, just as drama makes English speak and music animates the structures of mathematics and physics.

ART DEPARTMENT

BASIC ART

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies Fine Arts/Foreign Language requirement
Description	Beginning art course which offers the student a chance to study basic drawing skills, painting, color theory, composition, sculpture, graphic arts. The student will have the opportunity to study the history of these media and their effects on our life: past, present and future. The goal is for students to achieve knowledge and skill of fundamental art basics and use them in an advanced class.
Career Possibilities	Artist, designer, illustrator, cartoonist

ART ADVANCED

Grades	10-12
Course Length	Year
Prerequisite	Basic Art with a mark of "B" or better or teacher recommendation
Graduation Requirements	Satisfies Fine Arts/Foreign Language requirement
Description	Using skills learned from Basic Art I, advanced art students will work on long term projects on an individual basis. Art history and current art trends will be discussed during the year.

Career Architect, photographer, art director, etc.
Possibilities

BASIC ART: CERAMICS

Grades 9-12

Course Length Year/semester

Prerequisite None

Graduation Satisfies Fine Arts/Foreign Language requirement
Requirements

Description This course offers the opportunity to explore all aspects of handbuilding techniques, from simple pinch pots to constructed forms. Emphasis is on ceramic sculpture. Students will explore the relationship between form, surface, texture, and color. The history of ceramics will be examined with an emphasis on 20th century ceramics sculpture. Students will also receive instruction in fundamental art basics.

Career Designer, sculptor, potter
Possibilities

BASIC ART: CRAFTS

Grades 9-12

Course Length Year/semester

Prerequisite None

Graduation Satisfies Fine Arts/Foreign Language requirement
Requirements

Description Beginning crafts course which will provide opportunities to develop crafts/sculpture skills through the use of various craft media. These media include papier mache, ceramics, stained glass, glass etching, jewelry, leather, wood, plastic, cloth, batik, stitchery, etc. The history of these media will be explored, with emphasis on how they effect our life: past, present and future. Students will also receive instruction in fundamental art basics.

Career Designer, display worker, architect, photographer
Possibilities

CRAFTS ADVANCED

Grades 10-12

Course Length Year

Prerequisite Crafts with a mark of "C" or better or teacher recommendation

Graduation Satisfies the Fine Arts/Foreign Language requirement
Requirements

Description Designed to give the experienced crafts student further opportunity to work in glass. The student will select and create more involved work; originality will be emphasized. Etching, sandblasting, fusing, painting, mixed media, and lead channeling will be explored. Costs beyond the preliminary assignments will be borne by the individual student.

Career Designer, glasswork, window design, sign painter
Possibilities

BASIC ART: STAINED GLASS

Grade 9-12

Course Length Year/semester

Prerequisite None

Graduation Satisfies the Fine Arts/Foreign Language requirement
Requirements

Description Beginning Stained Glass will have an emphasis on learning the use of tools, glass preparation, framing the finished product, and the history of stained glass. Students will also receive instructions in fundamental art basics.

STAINED GLASS ADVANCED

Grades 10-12

Course Time Year

Prerequisite A mark of "B" or better in Stained Glass

Graduation Satisfies the Fine Arts/Foreign Language requirements
Requirements

Description Advanced stained glass will have an emphasis on long term projects on an individual student basis. The history of stained glass and current trends of the medium will be discussed during the year.

BASIC ART: SCULPTURE

Grades 9-12

Course Time Year

Prerequisite None

Graduation Satisfies Fine Art/Foreign Language requirement
Requirements

Career Sculptor, designer, architect, display worker
Possibilities

Description A sampling of three-dimensional media will be explored as students apply the elements

of design to paper mache, plaster, wood and assemblage. The history of each media will be examined with an emphasis on 20th century sculpture. Students will also receive instruction in fundamental art basics.

BASIC ART: GRAPHIC DESIGN AND COMMUNICATION

Grades	9-12
Course Length	Year/semester
Prerequisite	None
Graduation Requirements	Elective
Description	An introduction to graphic design. A hands-on class including computer graphics. Students will learn to produce material for such items as posters, fliers, reports, newsletters, advertisements using lettering, illustrations, photographs, text. Access to a copy machine will enable students to try several possibilities for layout, enlargements, reductions, alternative arrangements. The software in the computer center can be used in conjunction with, and in addition to, class projects.

MUSIC DEPARTMENT

ACAPPELLA

Grades	9-12
Course Length	Year
Prerequisite	Teacher recommendation and audition
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirements
Description	Advanced choral music class. Students must possess a high degree of singing ability. The course includes intensive study of choral literature, fundamentals of singing, and the study of style, form and history. The choir performs for the general public and at music festivals. Small ensemble study and performance will be a part of this course. Attendance at rehearsals and performance is expected.

BAND, CONCERT

Grades	9-12
Course Length	Year
Prerequisite	Audition
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement

Description	An intermediate instrumental music class. Students must be able to play their instruments with an intermediate degree of skill. This course includes intensive practice and preparation of appropriate band literature, the study of music fundamentals necessary for Symphonic Band, and the study of music styles, form and history. The band will perform for the general public and at music festivals. Small ensemble study and performance may be a part of this course. Marching band may be a part of this course; the music teacher can supply information regarding this part of the program. Attendance at rehearsals and performances is expected.
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BAND, JAZZ

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies Fine Arts/Foreign Language requirement
Description	For students of intermediate ability. The course includes the study of music fundamentals necessary for Jazz Ensemble, practice and preparation of appropriate jazz band literature, jazz improvisation, and the study of jazz styles, form and history. Small combo study and performance is expected of students in this course. The music teacher can supply information regarding this part of the program.

BAND, SYMPHONIC

Grades	9-12
Course Length	Year
Prerequisite	Teacher recommendation and audition
Graduation Requirement	Satisfies Fine Art/Foreign Language requirement
Description	An advanced instrumental music class. Students must be able to play their instruments with a high degree of skill. This course includes intensive practice and preparation of advanced symphonic band literature, the study of advanced fundamentals, and the study of music styles, form and history. The band will give a number of performances for the general public and at music festivals. Small ensemble study and performance is expected of students in this course. Marching band may be a part of this course; the music teacher can supply information regarding this part of the program. Attendance at rehearsals and performance is expected.

BEGINNING INSTRUMENTS

Grades	9-12
Course Length	Semester
Prerequisite	None

Graduation Requirements Satisfies Fine Arts/Foreign Language requirement

Description The course includes the study of beginning instrumental technique and the fundamental of music. Students may choose one of the following instruments: flute, clarinet, alto saxophone, baritone, trombone, trumpet. There will be intensive study of music reading and notation. Students in this course may give an occasional performance. Attendance at performances is expected.

CHORUS

Grades 9-12

Course Length Year

Prerequisite None

Graduation Requirements Satisfies the Fine Arts/Foreign Language requirement

Description A beginning/intermediate choral music class with previous choral teacher recommendation or with instructor approval through audition. This course includes study of fundamentals on singing and music skills necessary for advanced singing. This group may perform, and attendance at rehearsals and performances is expected. Small ensemble study and solo performance study may be a part of this course.

MUSIC APPRECIATION

Grades 9-12

Course Length Semester

Prerequisite None

Graduation Requirements Satisfies Fine Arts/Foreign Language requirement

Description This is a class for all students. The course will offer a broad overview of European music from its early forms to the presents. Also covered in the course will be the evolution of the American forms of music, jazz, blues, pop, rock. Listening to a broad spectrum of music and learning to perform music on the keyboard will be integral parts of the class.

PIANO, BEGINNING

Grades 9-12

Course Length Year

Prerequisite Beginning piano or consent of the instructor

Graduation Requirements Satisfies the Fine Arts/Foreign Language requirement

Description	The course includes the study of beginning piano and fundamentals of music. There will be intensive study of music reading and notation. Students in this course may give an occasional performance for the general public. Attendance at performances is expected.
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PIANO, INTERMEDIATE

Grades	9-12
Course Length	Year
Prerequisite	Beginning piano or consent of the instructor
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirements

Description	This is a continuing study of fundamentals of music as presented in beginning piano. There will be intensive study of music reading and notation, especially an extension of basic rhythm into the eight note patterns and the reading of literature with up to three sharps and three flats. The class will continue sight reading and ear training along with development of piano keyboard technic. The course offers opportunities for in-class recital, as well as, attendance at piano performances. Attendance at rehearsals and performances is expected.
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PIANO, ADVANCED

Grades	9-12
Course Length	Year
Prerequisite	Intermediate piano or consent of the instructor
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement

Description	The course includes the continued piano study from the fourth/fifth grade level. Special attention will be paid to the piano technic for performance, literature appropriate for recital, and music capability at an advanced level, especially incorporating left hand chording, sight reading, and ear training. Course offers opportunities for many outside of class performances or accompanist situations. Attendance at rehearsals and performances is expected.
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VOCAL ENSEMBLE

Grades	9-12
Course Length	Year
Prerequisite	Audition
Graduation Requirement	Satisfies the Fine Arts/Foreign Language requirement

Description	An advanced choral music class. Students must possess a high degree of singing ability. The course includes intensive study of small group choral literature, fundamentals of
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singing, and the study of style, form and history. The choir will give a number of performances for the general public and at music festivals. Small ensemble study and performance, jazz/pop singing, and vocal jazz improvisation will be a part of this course. Students in this course may be expected to perform with A Cappella choir.

THEATRE DEPARTMENT

THEATRE 1

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement
Description	Emphasizes the importance of self-confidence through acting in pantomimes, improvisations and memorized scenes. The student will write some scenes and monologues, but most of the work will be done with legitimate plays. The student will also study the history of the theater, directing and stagecraft. This includes scenery, costuming, make-up and lights.

THEATRE 2/ADVANCED

Grades	10-12
Course Length	Year
Prerequisite	Drama 1 or recommendation of the instructor
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement. Does not satisfy one year of the English requirement.
Description	Designed for those students who want to continue the study of acting and the theatre. The course covers all areas of the theatre with an emphasis on acting technique. Students will perform monologues, scenes, mimes, plays, etc. Theatre 2/Adv. students may participate in public productions.

STAGECRAFT

Grades	9-12
Course Length	Year
Prerequisite	Recommendation of the instructor
Description	Design and construction of stage scenery and lighting. Students will learn to operate all stage equipment and gain experience in the use of design and color techniques. Students will work as stage crew during play performances when necessary.

FOREIGN LANGUAGE DEPARTMENT

Foreign language will be required for all at De Anza students. Here the emphasis will be on communication and culture as well as grammar and vocabulary. We consider the study of foreign language vital to the fully educated person. It serves two main objectives: a greater understanding of language in general and the expansion of a student's cultural experience. Language and culture are so intimately entwined, it is impossible to learn one without the other.

Within the three modes of teaching an emphasis will be put on actual oral and written use of the language. Older students with some conversational ability will coach younger ones, a process that reinforces learning and self-image.

FRENCH 1*

Grade	9
Course Length	Year
Prerequisite	French Intro in grade 8 with a mark of "C" or better
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement
Description	Second half of French 1. Upon completion of this course, the student will advance to French 2. This course fulfills the first year of the Foreign Language requirement for admission to a four year college or university. (See the description for French 1 - 4)

FRENCH 1-4

Grades	9-12
Course Length	Year
Prerequisite	Reading at grade level
Graduation Requirement	Any of these courses will satisfy the Fine Arts/Foreign Language requirement.
Description	Students learning the basic structure of the language, both written and oral. The primary objective is good pronunciation and oral comprehension. Reading materials and expected proficiency in the language are determined by the level of the class. Film strips, tapes, video cassettes, and notebooks will be utilized throughout these courses. Advancement to the next course requires a mark of "C" or better. Most instruction is conducted in French.

FRENCH 5-6 (HONORS)

Grades	11-12
Course Length	Year
Prerequisite	A mark of "C" or better on the previous course

Graduation Requirements	Either of these courses will satisfy the Fine Arts/Foreign Language requirement.
Description	More emphasis on language structure with attention to speaking, listening, reading, writing and other activities. Grammar becomes more complex. French 5 and 6 meet the University of California Honors requirements. Students completing French 6 may take the Advanced Placement French Language Test, and if they pass, earn college credit. Reading materials emphasize the classics of French literature. Classes are conducted in French.

GERMAN 1-4

Grades	9-12
Course Length	Year
Prerequisite	Reading at grade level
Graduation Requirements	Any of these courses will satisfy the Fine Arts/Foreign Language requirement.
Description	Students learn the basic structure of the language, both written and oral. The primary objective is good pronunciation and oral comprehension. Reading material is used to emphasize the culture, politics, government, sports, music, art and entertainment of Germany, Austria and Switzerland. Expected proficiency in the language is determined by the level of the class. Film strips and tapes will be utilized throughout these courses. Advancement to the next course requires a mark of "C" or better.

LATIN 1-3

Grades	9-12
Course Length	Year
Prerequisite	Reading at grade level
Graduation Requirements	Any of these courses satisfy the Fine Arts/Foreign Language requirements
Description	Beginning Latin with rigorous introduction to its grammar, much reading and speaking in Latin, frequent allusions to English and other modern languages, and special units on ancient history, geography and culture. Latin 2 and 3 continue the work began in Latin 1.

SPANISH 1*

Grade	9-10
Course Length	Year
Prerequisite	Spanish Intro in grade 8 with a mark of "C" or better
Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement

Description	Second half of Spanish 1. Upon completion of this course, the student will advance to Spanish 2. This course fulfills the first year of the Foreign Language requirement for admission to a four year college or university. This course may be taken upon the completion of Spanish Skills. (see Spanish 1-4)
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SPANISH 1-4

Grades	9-12
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Course Length	Year
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Prerequisite	Reading at grade level
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Graduation Requirements	Any of these courses will satisfy the Fine Arts/Foreign Language requirement.
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Description	Learning the basic structure of the language, both written and oral. The primary objective is good pronunciation and oral comprehension. Reading materials and expected proficiency in the language are determined by the level of the class. Film strips, tapes, and notebooks will be utilized throughout these courses. Advancement to the next course requires a mark of "C" or better.
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SPANISH 5-6 (HONORS)

Grades	11-12
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Course Length	Year
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Prerequisite	A mark of "C" or better in the previous course
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Graduation Requirements	Either of these courses will satisfy the Fine Arts/Foreign Language requirement.
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Description	More emphasis on language structure with attention to speaking, listening, reading, writing and other activities. Grammar becomes more complex. Spanish 5 and 6 meet the University of California Honors requirements. Students completing Spanish 6 may take the Advanced Placement Spanish Language Test, and if they pass, earn college credit.
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SPANISH SKILLS

Grades	9
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Course Length	Year
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Prerequisite	None
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Graduation Requirements	Satisfies the Fine Arts/Foreign Language requirement
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Description	To acquaint students with the culture of various Spanish speaking countries through their history, art music, literature, and folk traditions. Also, to reinforce good study habits as students begin to study the language is a goal. Students who are not prepared to take a more rigorous Spanish course may take this course as a prelude to Spanish 1.
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LIBRARY

LIBRARY ASSISTANT

Grades 9-12

Course Length Year/semester

Prerequisite Approval of the librarian.

Graduation
Requirements Elective

Description Assists librarian and textbook clerk in the issuing and collection of library books and textbooks. Duties include writing overdue book slips, typing book cards, shelving books, mending books, maintaining an orderly library, and other tasks as assigned by the librarian. Some students will be trained to use word processing and data base management programs on the Apple IIe in the library. Any student interested in this class must get prior approval of the librarian before indicating Library Assistant as an elective.

Career
Possibilities Librarian, museum curator, information broker, research analyst, research assistant

MATH DEPARTMENT

MATHEMATICS

The conceptual tools of mathematics, symbol, function, transformation and the fundamental idea of proof are applicable to systematic thought in and well beyond the classroom. Math is another language whose properties of order, rigor, logic, exactness, universality, symmetry, and balance provide students with powerful intellectual tools and the discipline which supports achievement throughout a student's learning.

Mathematics is taught throughout the four years of high school using all three teaching methods: didactic instruction supported by coaching and socratic questioning. The main subjects to be covered over the four years are:

- algebra
- geometry
- differential and integral calculus
- statistic and probability mathematics
- computing
- the history of mathematics
- the relation of math to other fields

Though these are the subjects for all students, it is unreasonable to assume that every student will be ready for the next step at the same time. Thus, some students will begin further along the path than others. As Adler put it in The Paideia Program, "The amount of a given subject covered may differ for less able classes than for more able ones. But all classes, regardless of ability, study the same subjects from arithmetic to calculus and beyond."

ALGEBRA - A

Grades 9-12

Course Length Year

Prerequisite Teacher recommendation or passing screening test

Graduation Requirements Satisfies one year of the math requirement

Description This is the first year of a 2-year comprehensive course that emphasizes algebra and includes measurement, geometry, logic, statistics and probability. The course will emphasize applications and will use an instructional approach appropriate for students with a concrete rather than an abstract learning style. The successful completion of this course and Comprehensive Algebra B will satisfy the University Algebra I requirement.

ALGEBRA - B

Grades 9-12

Course Length Year

Prerequisite Successful completion of Comprehensive Algebra A

Graduation
Requirements

Satisfies one year of the math requirement

Description

This is the second year of a 2-year comprehensive course that emphasizes algebra and includes measurement, geometry, logic, statistics and probability. The course will emphasize applications and will use an instructional approach appropriate for students with a concrete rather than an abstract learning style. The successful completion of this course will satisfy the University Algebra 1 requirement.

ALGEBRA 1

Grades

9-12

Course Length

Year

Prerequisite

For incoming 9th graders, teacher recommendation and or passing Comprehensive Algebra A with a mark of "B" or better

Graduation
Requirements

Satisfies one year of the math requirement

Description

First in a series of mathematics courses required for admission to a four year college or university. Some of the topics covered are sets, real number system, variables and algebraic expressions, solving and graphing linear equations and inequalities, polynomials, factoring, rational expressions, application problems, solving quadratic formulas and completing the square.

ALGEBRA 2

Grades

10-12

Course Length

Year

Prerequisite

Algebra 1 and Geometry with a mark of "C" or better or permission of the teacher

Graduation
Requirements

Satisfies one year of the math requirement

Description

Required for admission to a four year college or university and recommended for students planning a career in mathematics, engineering, computer science, architecture, science and medicine. It stresses the theory and applications of the quadratic equation, complex number system, functions, sequences and series, combinations and permutations, and probability.

CALCULUS ADVANCED PLACEMENT

Grade

12

Course Length

Year

Prerequisite

Math Analysis with a mark of "C" or better or permission of the teacher

Graduation Requirements Satisfies one year of the math requirement

Description Advanced math course for students planning to continue the study of mathematics at the university level. Topics include analytic geometry, limits, functions and their derivatives, applications of derivatives, integration and application of functions, and parametric equations. It is designed to prepare the student to take the Advanced Placement Exam in May. If the exam is passed, the student will earn transferable college credits.

DISCOVERING GEOMETRY

Grades 10-12

Course Length Year

Prerequisite Algebra 1 or Comprehensive Algebra B and permission of teacher

Graduation Requirements Satisfies one year of the math requirement

Description Second in the series of mathematics courses required for admission to a four year college or university. This course stresses deductive reasoning by having students use their intuition, skills of observation and experimentation with models to reach logical conclusions. Paragraph explanations rather than formal, two-column proofs are emphasized. Note: This course is an alternate geometry for students who may profit by a less formal approach.

GEOMETRY

Grades 9-12

Course Length Year

Prerequisite Algebra 1 or Comprehensive Algebra B with a mark of "C" or better or permission of the teacher

Graduation Requirements Satisfies one year of the math requirement

Description Second in the series of mathematics courses required for admission to a four year college or university. This course in Euclidean Geometry stresses deductive reasoning through geometric proof and covers such topics as congruence, similarity, perpendicularity, parallelism, relationships, and Pythagorean Theorem.

MATH 1

Grades 11-12

Course Length Year

Prerequisite Pass the district proficiency test in mathematics

Graduation Requirements Satisfies one year of the math requirement

Description	Continuation of work with the basic arithmetic operations using whole numbers, fractions, decimals and percents. Problems will include consumer mathematics, checkbook arithmetic, wages, installment buying, taxes, interpretation of tables and graphs and measurement.
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MATH 2

Grades	11-12
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Course Length	Year
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Prerequisite	Math 1 with a mark of "C"
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Graduation Requirements	Satisfies one year of the math requirement
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Description	Emphasizes fractions, decimals and percents. Students will further their mathematics skills through applications in consumer mathematics, comparative shopping, installment buying, taxes, banking, insurance, budgeting, discount, interest and introduction to probability and statistics.
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MATH ANALYSIS

Grades	11-12
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Course Length	Year
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Prerequisite	Algebra 2 with a mark of "C" or better
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Graduation Requirements	Satisfies one year of the math requirement
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Description	Recommended for students planning to major in science or mathematics in college. It covers such topics as trigonometry, vectors, polar forms of complex numbers, sequences and series, algebraic structures, polynomial, exponential, logarithmic and circular functions, and tangents to graphs of polynomial functions.
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PRACTICAL MATH

Grades	11-12
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Course Length	Year
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Prerequisite	None
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Graduation Requirement	Satisfies one year of the math requirement
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Description	Designed to provide remediation for students who have not passed the district proficiency test or who have scored below the 23rd percentile on the standardized test administered by the district.
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PRE ALGEBRA A

Grades 9

Course Length Year

Prerequisite None

Graduation Requirements Satisfies one year of the math requirement

Description This course is designed to prepare students whose backgrounds are deficient for the 2-year comprehensive algebra program. The class will focus on arithmetic and pre-algebra skills and provide a foundation in areas such as measurement, geometry, logic, statistics and probability.

OTHER COURSES

OFFICE EXPERIENCE

Grades 11-12

Course Length Year

Prerequisite Good attendance and behavior

Graduation Requirements Elective

Description Opportunities for students to help in the various school offices. Students should be able to type. Good attendance is essential. Student must have approval from the office where he/she wishes to work.

TEACHER AIDE/TYPIST

Grades 11-12

Course Length Year

Prerequisite Typing 1 with a mark of "C" or better

Graduation Requirements Elective

Description Student help for teachers: typing stencils, keeping records, assisting students in classes. Teacher recommendation is required. Good attendance and passing grades are required.

WORK EXPERIENCE

Grades 11-12

Course Length Year

Prerequisite Satisfactory school attendance and marks. Working part-time a minimum of 10 hours per week on three school days at an approved place of employment. Must have worked at the place of employment a reasonable amount of time prior to enrolling in this course.

Graduation
Requirements Elective

Description Opportunity for students to earn 5 to 10 credits per semester for working part-time while attending school. Attendance is required in a related instruction class for one period each week. Students acquire their own jobs and are required to turn in a time card each week showing hours worked and signed by their employer/supervisor. Students must be enrolled in at least four classes at their high school and maintain satisfactory attendance and marks in these classes while working.

PHYSICAL EDUCATION DEPARTMENT

The goal of the Physical Education curriculum is to train students through programs of exercise, sports, and recreation to lead physically active and healthy lives long after school is completed. Students will participate in competitive, individual and cooperative sports which are accessible to all regardless of sex, physical stature, or innate ability.

De Anza's excellent interscholastic sports programs will continue as an after school activity. Particular emphasis will be placed on the concept of the student athlete. We intend to continue and expand the tutoring programs offered to athletes to see that they get extra support if they need it.

Students are required by state law to pass two years of physical education. All 9th graders are required to take P. E. Core. In the 10th grade students may select a physical education course. All students are urged to continue with additional P. E. classes in the spirit of the Paideia program "that the mind works best in school or on the job if the body is exercised sometime during the day."

*****Physical Education classes are activity classes. Students are expected to dress in gym clothes and participate in the activity of the day. Specific information will be provided by the P. E. teachers.

AEROBICS

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirement	Satisfies one year of the physical education requirement
Description	Exercise routines performed to music. The student will gain cardiovascular and muscular endurance, strength, balance, flexibility, rhythm, and timing. The course will emphasize physical fitness and weight control.

ATHLETICS

Grades	10-12
Course Length	Year
Prerequisite	Recommendation of the coach
Graduation Requirement	Satisfies one year of the physical education requirement

Description	For students who are on interscholastic athletic teams, the course will provide advanced training in team and individual sports.
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DANCE 1

Grades	10-12
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Course Length	Year
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Prerequisite	None
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Graduation Requirements	Satisfies one year of the physical education requirement
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Description	A basic course of study to prepare students for all dance classes. Emphasis on flexibility, coordination, body awareness and alignment, rhythm and usage of space.
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DANCE ADVANCED

Grades	10-12
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Course Length	Year
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Prerequisite	Dance 1 with a passing grade and/or teacher recommendation
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Graduation Requirements	Satisfies one year of the physical education requirement
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Description	Advanced dance routines. The student will work on choreography. Attendance at rehearsals and performances is expected.
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GYMNASTICS

Grades	10-12
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Course Length	Year
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Prerequisite	P. E. Core 9 and/or permission of the teacher
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Graduation Requirement	Satisfies one year of the physical education requirement
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Description	For both men and women who want to learn the skills and techniques of gymnastics either for enjoyment or competition. Warm up exercises and safety procedures will be stressed. Men will study six events: side horse, rings, parallel bars, vault, high bar and floor exercise. The dress will be the school uniform. Women will study four events: balance beam, uneven parallel bars, vault and floor exercise. Leotards will be required.
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GYMNASTICS ADVANCED

Grades	10-12
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Course Length	Year
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Prerequisite	Gymnastics 1 with a passing grade and permission of the teacher
Graduation Requirements	Satisfies one year of the physical education requirement
Description	See description for Gymnastics above. Gymnastics Advanced will deal with difficult movements on the apparatus mentioned above and will also include tumbling.

INDIVIDUAL SPORTS

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies one year of the physical education requirement
Description	This course will offer an extensive overview of all aspects of volleyball and tennis/badminton. It will include the history, skills, drills, techniques, nutrition, injury prevention and treatment, coaching, and officiating of tournaments.

PHYSICAL EDUCATION CORE

Grades	9-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies one year of the physical education requirement
Description	Required for all 9th grade students. This class will cover a wide variety of team and individual sports.

SPORTS: CONTACT

Grades	10-12
Course Length	Year
Prerequisite	1 year of Core P. E.
Graduation Requirements	Satisfies one year of the physical education requirement
Description	This course for P. E. will be a study of two major sports, football in the fall and baseball in the spring. Each student will be involved in the classroom and the athletic field. The curriculum will include history, coaching, statistics, skills framing, drills, scouting, student teaching skills, periodic evaluation, A. V. aides, and exams.

SPORTS: NON-CONTACT

Grades 10-12

Course Length Year

Prerequisite 1 year of Core P. E.

Graduation Requirements Satisfies 1 year of the physical education requirement

Description Students in this course will study basketball in the fall and tennis in the spring. The class will include history, fundamentals, offense, defense, coaching techniques, strategy, and knowledge. Evaluations will be based on attendance, skill tests, participation, and written exams.

WEIGHT TRAINING

Grades 10-12

Course Length Year

Prerequisite None

Graduation Requirements Satisfies one year of the physical education requirement

Description For the student interested in body development. This course will provide the student with instruction in proper methods of running and weight lifting, weight workouts, and competition lifting in the appropriate weight class.

SCIENCE DEPARTMENT

Our program of requiring science all four years fits in with the state of California's objective to require more sophisticated scientific and technological literacy as we move toward the 21st century. Students will study different branches of science, especially biology, physiology, chemistry, and physics. Many other subdivisions will be included in one or another of these areas, such as astronomy with physics, zoology with biology, health with physiology.

During their schooling students should gain a reasonable understanding of scientific thought, our present conception of the physical universe, the nature of living systems and of man, the development of scientific thought in the past and the investigation of its implications for the future.

The three modes of instruction are particularly conducive to learning in the sciences. The emphasis will be "hands-on" with the added coaching capabilities of our computer lab and teacher and peer coaching sessions.

BASIC BIOLOGY STUDY SKILLS

Grade	9
Course Length	Semester
Prerequisite	None
Description	An introduction to the skills needed to succeed in Biology. Students will learn organizational skills and follow through. They will learn basic lab techniques that will help them in biology such as using microscopes and making measurement. They will study current health topics and work on improvement of self esteem and making responsible personal choices. Examples of such topics include - aids education - drug and alcohol abuse - sex education and family planning, and - human body systems They will practice using scientific methodology to solve problems of interest. They will be introduced to main topics covered in Biology. Self control, self respect, accepting and understanding consequences for actions and making positive personal decisions will be stressed throughout the course.

BIOLOGY

Grades	9-12
Course Length	Year
Prerequisite	C or better in 8th grade science or passing Basic Biology Skills
Graduation Requirements	Satisfies the life science requirement
Description	The study of life from the cellular level to the human body. Includes the study of interactions and interrelationships of living things and their environment. This course will

equip the student with independent study skills to compete successfully in higher lab science courses in high school. This course does not fulfill the lab science requirement for the UC system but does satisfy the "f" requirement as a college preparatory elective.

BIOLOGY ADVANCED PLACEMENT

Grades	12
Course Length	Year
Prerequisite	Chemistry and teacher recommendation
Graduation Requirement	Satisfies the life science requirement
Description	Introductory college-level course in biology with lab work, field trip, and seminars. Organized to provide challenging and stimulating course work with a current approach to research. Fulfills University of California lab science requirement. Students who pass the Advanced Placement test qualify for college credit and/or placement. Because of lab requirements the course will be two consecutive periods a day.

CHEMISTRY CONCEPTS

Grade	10-12
Course Length	Year
Prerequisite	Teacher recommendation
Graduation Requirement	Satisfies the physical science requirement but does not fulfill the UC lab science requirement
Description	This course is intended for students who have passed Biology but who do not have the math skills or problem solving skills to start chemistry. It is designed to increase the student's chance at being successful in chemistry. Students will learn chemistry lab skills, how to solve chemistry problems, how to use the metric system, how to convert from one unit to another, how to write chemistry lab reports. Students will be introduced to topics covered in chemistry on a conceptual level.

CHEMISTRY

Grades	10-12
Course Length	Year
Prerequisite	Biology and Algebra 1 with a mark of "C" or better
Graduation Requirements	Satisfies the physical science requirement Satisfies the UC lab science requirement
Description	The study of substances which make up the environment, how they react and the exchange of energy during reactions. Chemistry is a university preparatory science course that prepares students for further science study. It fulfills the lab science

requirement for university entrance. The course is an introduction to chemistry which deals with the composition, structure, and properties of substances and the changes they undergo. Laboratory experimentation and problem solving are emphasized.

Career Possibilities Engineering, mathematics, applied technology

CHEMISTRY ADVANCED PLACEMENT

Grades	11-12
Course Length	Year
Prerequisite	Recommendation of chemistry teacher with a mark of "C" or better
Graduation Requirement	Satisfies the physical science requirement Satisfies the UC lab science requirement
Description	A second-year course in chemistry which include topics covered in a first-year college chemistry. Students who pass the Chemistry AP examine may qualify for college credit and/or placement. Because of lab requirements the course will be two consecutive periods a day.

EARTH SCIENCE

Grades	11-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies the physical science requirement
Description	A study of the physical formation of the earth. Topics to be studied include geology with emphasis on rock types and plate tectonics, weather with emphasis on the greenhouse effect, and the solar system and the universe.

HEALTH SCIENCE

Grades	11-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies the life science requirement
Description	Designed to help the student become aware of the factors which affect the health of the individual. The student will explore how everyday decisions affect his/her mental and physical health. Topics will include nutrition, exercise, stress, substance abuse, diseases, health services and environmental control.

LABORATORY ASSISTANT

Grades	10-12
Course Length	Year
Prerequisite	At least one year of instruction in the subject in which student wants to assist and teacher approval.
Graduation Requirement	Elective
Description	Assists in setting up labs, organizing storeroom and other duties as assigned by the teacher.

PHYSICAL SCIENCE

Grades	10-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies the physical science requirement
Description	A basic science course designed to help students gain an appreciation for the nature of things that make up the universe. Particular emphasis will be placed on the basic structure of matter and energy.

PHYSICS

Grades	11-12
Course Length	Year
Prerequisite	Algebra 2 with a mark of "C" or better or concurrent enrollment with teacher's approval; Chemistry recommended
Graduation Requirements	Satisfies the physical science requirement
Description	The study of the logical systematic processes by which man attempts to control his physical environment: measurement, vector analysis, force and motion, conservation of momentum and energy, thermodynamics, sound, light, electricity, magnetism, and atomic and nuclear physics. This course fulfills the advanced laboratory science requirement of the University of California. It is recommended for any student who plans a career in the field of science, engineering, mathematics or advanced technology.

PHYSIOLOGY

Grades	11-12
Course Length	Year

Prerequisite	Biology and Chemistry with a mark of "C" or better
Graduation Requirements	Satisfies the life science requirement Satisfies the UC lab science requirement
Description	A detailed study of the functions of the human body. The course will include cell structure and specialization, the skeletal system, the muscles, the nervous system, digestion, respiration, circulation, the skin, excretion, the endocrine system, reproduction and heredity, including the latest information on the structure and function of DNA. There will be extensive lab work in animal dissection and microscopic investigation. This class satisfies the lab science requirement for admission to a four-year college or university.

SOCIAL SCIENCE DEPARTMENT

Students will take History/Social Science in each of their four years at De Anza. Didactic presentations will make use of maps, movies, community speakers, oral history, folklore, primary sources, and current newspapers and magazines. We will begin to move away from a traditional reliance on textbooks in order to encourage students to see how history, economics, and geography operate in the world. Seminars play a particularly prominent role in the social studies curriculum. They enable students to use their understanding of history, economics and geography to formulate ideas about social, political, and cultural interaction. The seminar becomes the social studies students' laboratory for expanding and testing their understanding of how human society works in a number of different times and places. Coaching sessions are structured to help students with their research projects, essay writing, and reading of new types of material.

AMERICAN GOVERNMENT

Grade	12
Course Length	Year
Prerequisite	None
Graduation Requirement	Satisfies the American Government requirement
Description	A one year course of the theory and structure of the American political, economic and legal systems. Basic units will include the study of the executive, legislative and judicial branches, the American political process, civil rights, domestic issues, international problems, economics, and state, county and local governments.

AMERICAN GOVERNMENT ADVANCED PLACEMENT

Grade	12
Course Length	Year
Prerequisite	Successful completion of U. S. History Advanced Placement or approval of the instructor.
Graduation Requirement	Satisfies the American Government requirement
Description	This course has two focuses. The first is designed to give students a critical perspective of government and politics in the United States by studying the various institutions, groups, beliefs, and ideas that make up the United States political reality. The second is designed to help students gain knowledge of the world's diverse political structures and practices. Five countries form the core of the comparative government units: Great Britain, France, the Soviet Union, the Peoples Republic of China, and a choice of either India, Mexico, or Nigeria. The course is intended for qualified students who wish to complete studies in high school equivalent to a college introductory course in U.S. government and politics and comparative government and politics. In May, students have an opportunity to take the A. P. Government exam which, if passed, can earn the students transferrable college credits.

ECONOMICS

Grades	10-12
Course Length	Semester
Prerequisite	None
Graduation Requirements	Satisfies the economics requirement for graduation
Description	A study of the principles of economics. Students will explore how our limited resources are used to satisfy wants, how goods and services are produced and distributed, and how the economic system of the United States compares with other systems.

ECONOMICS II

Grades	10-12
Course Length	Semester
Prerequisite	Economics I or teacher's recommendation
Graduation Requirements	Satisfies 10th grade social science requirement or 11th and 12th grade elective
Description	A more advanced study of Economics based on the examination of topics such as the deterioration of the environment, the U. S. trade imbalance, poverty and unemployment, international competition and other significant local, national and world problems.

GEOGRAPHY

Grades	10-12
Course Length	Semester
Prerequisite	None
Graduation Requirements	Satisfies 10th grade social science requirement or 11th and 12th grade elective
Description	A survey in which students study the relationship between earth and its people. The framework includes three main areas of inquiry: how various geographic features influence the development of civilization; how the study of geography to predict future social, political and economic trends occurs; and how geography effects cultural ethnicity, language and religion.

INTERNATIONAL PROBLEMS

Grades	10-12
Course Length	Semester
Prerequisite	None

Graduation Requirement	Satisfies 10th grade social science requirement or 11th and 12th grade elective
Description	A study of current and developing international problems and how they relate to the individual, the United States and world community.

LEADERSHIP

Grades	9-12
Course Length	Year
Prerequisite	Election to student association or class office or approval of teacher
Graduation Requirement	Elective
Description	A workshop in student government. Students will work in a variety of school activities to improve the academic, social, and athletic programs of the school. These activities include dances, rallies, elections, homecoming, athletic events, and improvement of the physical plant.

MINORITIES IN AMERICA

Grades	10-12
Course Time	Semester
Prerequisite	None
Graduation Requirements	Satisfies 10th grade social science requirement or 11th and 12th grade elective
Description	Study of background, origins, cultural and economic contributions and roles of the various regional ethnic groups and races in the U. S. Ethnic group A is about those in America before the American Revolution. Ethnic group B is about those who arrived in America prior to 1925. Ethnic group C is about those who came to America as a result of population movements before, during and shortly after World War II. Ethnic group D is about those who came in larger numbers in the 1960's and 1970's to the present. [Emphasis is on the positive contributions made by the groups designated A, B, C, and D. The role of women from each group will be studied.]

PSYCHOLOGY

Grades	10-12
Course Length	Year/semester
Prerequisite	None
Graduation Requirements	Elective

Description	General introduction to the science of human behavior with focus on the individual. The course considers personality, growth and development, personal identity, anxiety and adjustment, and mental disorders.
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SOCIOLOGY

Grades	11-12
Course Length	Year/semester
Prerequisite	None
Graduation Requirements	Elective

Description	Sociology is a course designed to introduce students to the study of roles, dating, family relationships, marriage, child rearing and family problems. This course will aid students in understanding current and future relationships.
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U.S. HISTORY

Grades	11-12
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies U.S. History requirement

Description	A chronological overview of American history with emphasis on significant people, groups, institutions, events, and places from 1900 to the present. Units will include the Progressive Era, World War I, World War II, the Cold War and Vietnam.
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U. S. HISTORY ADVANCED PLACEMENT

Grades	11-12
Course Length	Year
Prerequisite	A or B semester grades in all previous Social Science and English classes or approval of the instructor
Graduation Requirements	Satisfies U.S. History requirement

Description	A survey course of United States history from 1607 to the present which focuses on the economic, cultural, social, intellectual, political, constitutional, and diplomatic history of our nation. It is designed to prepare students for advanced level college courses by making demands upon them equivalent to those made by full-year introductory college courses. Activities include extensive reading, seminar discussion, essay writing, and document analysis. In May, students have an opportunity to take the A. P. History exam which, if passed, can earn the student transferrable college credits.
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THE WOMEN'S MOVEMENT IN AMERICA

Grades	10-12
Course Time	Semester
Prerequisite	None
Graduation Requirements	Satisfies 10th grade social science requirement or 11th and 12th grade elective
Description	A chronological study of the history of the Women's movement in America. Focus will be on women's attempt to gain suffrage and the failure of the Equal Rights Amendment.

WORLD HISTORY

Grades	9
Course Length	Year
Prerequisite	None
Graduation Requirements	Satisfies graduation requirement
Description	A chronological and thematic study of modern world history with emphasis on Western Civilization from 1750 to the present. This will involve the study of current issues, map work, and world geography. Units will include: Rise of Democratic Ideas (a chronological survey and review of historical civilization from ancient times to the present); Political and Cultural Revolutions (the English, French, Industrial and Scientific Revolutions of the 18th and 19th centuries); Rise of Imperialism and Nationalism (includes non-western area studies); World War I; Rise of Totalitarianism and World War II; the Cold War World Order; Contemporary World Problems.

SPECIAL EDUCATION DEPARTMENT

RESOURCE SPECIALIST

Grades 9-12

Course Length Year

Prerequisite Certification and Referral

Description For students with a learning handicap who spend a majority of the day in regular program classes. In tutorial classes, students are offered assistance with regular class assignments and test preparation. The resource specialist offers additional assistance, such as counseling when school adjustment difficulties arise, career guidance, and monitoring the students' progress in regular classes. If a student is to benefit from the program, good attendance is required. Since the development of good study habits is one of the program's primary goals, students are required to do their homework and to complete assignments by specific due dates. Parents are encouraged to maintain close contact with the resource specialist, to monitor closely the student's progress, and to enforce a strict attendance policy.

SPECIAL DAY CLASS

Grades 9-12

Course Length Year

Prerequisite Certification and Referral

Description For students with a learning handicap who require special instruction in a self-contained classroom for a majority of their school day. Direct, small group instruction is offered in the following required subjects: world history, U. S. history, American government, mathematics, English, reading, life science and physical science. P. E. is taken with the general student body. Special day class teachers provide individual attention to each student, counseling as necessary and maintaining close contact with parents. Since the development of good study habits is one of the program's primary goals, students are required to do homework and to complete assignments by specific due dates. Parents are encouraged to maintain close contact with the teacher and/or counselor, to monitor closely the student's progress, and to enforce a strict attendance policy.

SEVERELY HANDICAPPED (Students with severe intellectual disabilities)

Grades 9-12

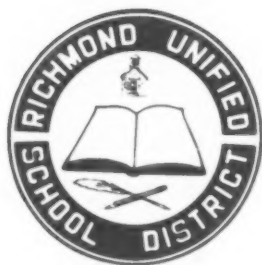
Course Length Year

Prerequisite: Certification and Referral

Description For students with moderate to severe intellectual disabilities who need a functional, community-based curriculum. Students spend the majority of the school day working on academic recreation/leisure skills with teachers and regular ed peers in a self-contained classroom and gaining independent living skills such as shopping, on-the-job training and

domestic activities (cooking, cleaning, etc) at stores, businesses, churches and private homes. Students are mainstreamed into regular ed classes where appropriate, accompanied by a regular ed peer or instructional aide if necessary. Parents and teachers maintain close contact to evaluate, prepare and implement individual educational programs for each student.

RICHMOND'S
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SCHOOLS

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